Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
120	**Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**2120**	**8480.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
121	**Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Each**	**5.00**	**5352.48**	**26762.40**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
122	**Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V. C flushing cistern (all are approved make) with fittings, C. I / M. S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Each**	**3.00**	**3786.48**	**11359.44**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		3.00		
123	**Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**10.00**	**3400.92**	**34009.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
124	**Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**7.00**	**1226.88**	**8588.16**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
125	**Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications and directions of Engineer in charge.**	**Unit**	**3.00**	**798.12**	**2394.36**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
126	**Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia complete as per specifications and directions of Engineer in charge.**	**Each**	**14.00**	**162**	**2268.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		11.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
127	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.110mm dia pipe and directions of Engineer in charge.**	**m**	**31.59**	**469.8**	**14840.98**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		31.59		
128	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.160mm dia pipe and directions of Engineer in charge.**	**m**	**30.30**	**923.4**	**27979.02**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.30		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
129	**Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm complete as per specifications and directions of Engineer in charge.**	**Nos.**	**4.00**	**9169.2**	**36676.80**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
130	**Supplying, installing, testing and commissioning approved make submersible pump made of C.I construction suitable for buildingapplication. Thequoted rate shall also include for providing necessary safety devices viz. dry runprotection, over load relays auto level controller with necessary cables etc., complete working on 3ph 440V,50Hz, three phase system complete as per specifications and directions of Engineer in charge.**	**Set**	**1.00**	**50000**	**50000.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
131	**Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 2000 Litre capacity) as per IS 12701 1996 and directions of Engineer in charge.**	**Each**	**2.00**	**14748.48**	**29496.96**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
132	**Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer in charge.**	**Each**	**7.00**	**186.84**	**1307.88**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		6.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
133	**Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer in charge.**	**Each**	**3.00**	**152.28**	**456.84**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
134	**Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**362.88**	**1451.52**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
135	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 20mm nominal OD pipes complete as per specifications and directions of Engineer in charge.**	**m**	**41.80**	**259.2**	**10834.56**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		41.80		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
136	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 25mm nominal OD pipes complete as per specifications and directions of Engineer in charge.**	**m**	**54.20**	**324**	**17560.80**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		54.20		
137	**Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet Short point upto 3m complete as per specifications and directions of Engineer in charge.**	**Point**	**25.00**	**200**	**5000.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		20.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		5.00		
138	**Point wiring using copper wire without switch (Class A material). Supplying and wiring adopting loop system in existing PVC conduit/casing capping using 2X1.5Sqmm(phase &Netural) &1X1.0 Sqmm (Earth Wire) FRLSmultistrand PVC insulated ,2x1.5sqmm copper confirming to the GTP With a 6Amps flusg type SP control switch shall be fixed on the existing plastic sheet / gand box .the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block, complete for each outlet Medium point above 3m-6m complete as per specifications and directions of Engineer in charge.**	**Point**	**19.00**	**275**	**5225.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		13.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		6.00		
139	**Concealed Conduit System - Supplying heavy gague PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire wherever necessary 32mm dia, 2mm thick complete as per specifications and directions of Engineer in charge.**	**Mtr**	**142.14**	**83**	**11797.79**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		69.70		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		72.44		
140	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 19/20mm dia, 2mm thick complete as per specifications and directions of Engineer in charge.**	**Mtr**	**105.41**	**40**	**4216.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		37.70		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		67.71		
141	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 25mm dia, 2mm thick complete as per specifications and directions of Engineer in charge.**	**Mtr**	**185.41**	**53**	**9826.73**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		50.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		135.41		
142	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 32mm dia, 2mm thick complete as per specifications and directions of Engineer in charge.**	**Mtr**	**66.00**	**83**	**5478.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		66.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
143	**Supplying and flush modular poweder coated / galvanized metal box suitable for mounting modular switch plates. the box should be firmil flush mounted after due groove cutting in brick /stone/C.C wall 1 - 3 Way complete as per specifications and directions of Engineer in charge.**	**Each**	**20.00**	**95**	**1900.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		16.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		4.00		
144	**Supplying and flush modular poweder coated / galvanized metal box suitable for *mounting modular switch plates. the box should be firmil flush mounted after due* groove cutting in brick /stone/C.C wall 4 - 5 Way complete as per specifications and directions of Engineer in charge.**	**Each**	**17.00**	**105**	**1785.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		12.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		5.00		
145	**Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 6AMP 3/5 and Switch complete as per specifications and directions of Engineer in charge.**	**Each**	**32.00**	**132**	**4224.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
146	**Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of Engineer in charge.**	**Each**	**67.00**	**171**	**11457.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		65.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
147	**Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 16Amps Combined switch and socket with indication complete as per specifications and directions of Engineer in charge.**	**No**	**22.00**	**194**	**4268.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		20.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
148	**Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 Electronic stepped regulator complete as per specifications and directions of Engineer in charge.**	**No**	**10.00**	**211**	**2110.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		10.00		
149	**Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements 2.5sqmm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**143.10**	**32**	**4579.20**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		113.10		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		30.00		
150	**Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements 4sqmm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**105.40**	**45**	**4743.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		75.40		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		30.00		
151	**Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of Engineer in charge.**	**Nos**	**10.00**	**85**	**850.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		10.00		
152	**Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired complete as per specifications and directions of Engineer in charge.**	**Each**	**2.00**	**3650**	**7300.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
153	**Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (48/6.36) complete as per specifications and directions of Engineer in charge.**	**Each**	**1.00**	**430**	**430.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
154	**Supplying and fixing of Group A, regular MCB distribution boards on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB'S single phase/ 3 phase / single door with powder coated painting made out of SWG MS enclosute 12 way SP & N complete as per specifications and directions of Engineer in charge.**	**Nos**	**3.00**	**1210**	**3630.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
155	**Supply and fixing miniature circuit breakers on the existing MCB distribution boards using necessary fixing meterials and "C" type curve, Indiator ON/OFF energy cross -3 with as required confirming to IEC 60898 5-32 AMPS DP complete as per specifications and directions of Engineer in charge.**	**Nos**	**11.00**	**909**	**9999.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		10.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
156	**Supplying, fixing and wiring earth electrode for grounding conduits , I.C. cutouts and others equipments on the meter board using 40mm dia 2.90mm long buried in a pit.. the pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit ect, is to be established through GI wire of size as ISI specification 7.3.3 of IS 732 using 12mm dia bolt, nut, washers and check nuts ect... the pipe shall have 16 through holes of 122mm dia complete as per specifications and directions of Engineer in charge.**	**No**	**1.00**	**2999.7**	**2999.70**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
157	**Supplying and running of GI/ copper strips for grounding connections, using necessary fixing materials as required 25 x 3mm G.I strip .complete as per specifications and directions of Engineer in charge.**	**Mtr**	**25.05**	**75**	**1878.75**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		25.05		
158	**Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting complete as per specifications and directions of Engineer in charge.**	**Nos**	**45.00**	**300**	**13500.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		15.00		
159	**Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm) complete as per specifications and directions of Engineer in charge.**	**Each**	**15.00**	**2090**	**31350.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		12.00		
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
160	**Supply Exhaust fan if 1440 RPM of (12") size with dracket blades complete for light duty suitable to -oerate on 230V 50Hz, supply complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**1200**	**4800.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
161	**Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING faciility 600mmX600mmX170mm complete as per specifications and directions of Engineer in charge.**	**Sq.cms**	**1.00**	**12081**	**12081.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
162	**Supplying and fixing angle iron frame work iabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint (49/6.39) 75x75x6mm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**4.00**	**475**	**1900.00**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
163	**Supplying and fixing angle iron frame work iabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc.,and painted with 2 coats of red oxide and then two coats of approved paint (49/6.39) 75x150x50x6mm C channel complete as per specifications and directions of Engineer in charge.**	**Mtr**	**4.00**	**648**	**2592.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
164	**Supplying and Fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete, protection of Overload and Short circuit with thermal Magnetic/Microprocessed release and Earth Fault as per IS-13947. (icu =lcs) (53/4.12) 63/100Amps 25kA complete as per specifications and directions of Engineer in charge.**	**Each**	**2.00**	**5809**	**11618.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
165	**Supplying and fixing Trivector meter suitable for operation LT operation and CT operated meter in polycarbonate body in class 0.5accuracy as per IS 14697 and completely wired complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**3778**	**15112.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
166	**Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (48/6.36) complete as per specifications and directions of Engineer in charge.**	**Each**	**2.00**	**442**	**884.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
167	**Supplying, fixing and wiring 50/5 to 1000/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound (48/6.32) complete as per specifications and directions of Engineer in charge.**	**Each**	**2.00**	**720**	**1440.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
168	**Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed, galvanised, steel strip (except 2Cx 10Sq.mm wire armoured) Confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheated armoured cable with specified IS-1554 Part-1:1998 & confirming to the attached GTP of GROUP-A. (62/7.4) 4 core 16 sqmm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**30.00**	**150**	**4500.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
169	**Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) 25 sqmm to 75 sqmm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**30.00**	**15.5**	**465.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
170	**Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. (68/7.8) 300 sqmm 400 sqmm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**30.00**	**32**	**960.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		30.00		
171	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) 25 sqmm Long Barrel complete as per specifications and directions of Engineer in charge.**	**Each**	**8.00**	**20.59**	**164.72**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.00		
172	**Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.(64/7.21) 300 sqmm Long Barrel complete as per specifications and directions of Engineer in charge.**	**Each**	**8.00**	**338**	**2704.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.00		
173	**Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) 50mm dia complete as per specifications and directions of Engineer in charge.**	**Each**	**8.00**	**255**	**2040.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		8.00		
174	**Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only) (69/7.14) 75mm dia complete as per specifications and directions of Engineer in charge.**	**Each**	**4.00**	**496**	**1984.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		4.00		
175	**Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating. (68/7.9) In soil (hard) complete as per specifications and directions of Engineer in charge.**	**Mtr**	**20.00**	**106**	**2120.00**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		20.00		
176	**Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. (68/7.12) 40mm complete as per specifications and directions of Engineer in charge.**	**Mtr**	**2.00**	**345**	**690.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		2.00		
177	**Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and site engineer in incharge**	**Cum**	**0.97**	**6723.00**	**6494.42**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		0.97		
178	**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications and site engineer in incharge**	**Sqm**	**5.04**	**546.48**	**2754.26**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		5.04		
179	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and site engineer in incharge**	**tonne**	**1.75**	**78258.96**	**136937.15**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.75		
180	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per per specifications and site engineer in incharge(Head Room)**	**Sqm**	**30.24**	**1098.36**	**33214.41**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		30.24		
181	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and engineer in incharge**	**Sqm**	**7.69**	**951.48**	**7314.50**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		7.69		
182	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and engineer in incharge(Terrace Floor)**	**Sqm**	**24.63**	**989.28**	**24368.93**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		24.63		
183	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and engineer in incharge(Terrace Floor)**	**Sqm**	**79.51**	**320.76**	**25502.34**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		79.51		
184	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and engineer in incharge(Head Room)**	**Sqm**	**27.75**	**239.76**	**6653.34**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		27.75		
185	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications .and engineer in incharge**	**Sqm**	**11.00**	**234.36**	**2576.79**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		11.00		
186	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications .and engineer in incharge(Second Floor)**	**Sqm**	**61.60**	**255.96**	**15767.14**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		61.60		
187	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications .and engineer in incharge(Head Room)**	**Sqm**	**7.80**	**262.44**	**2047.03**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		7.80		
188	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and engineer in incharge**	**Sqm**	**97.23**	**384.48**	**37382.99**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		97.23		
189	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications and direction of site engineer incharge(Terrace Floor)**	**Sqm**	**79.51**	**393.12**	**31255.40**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		79.51		
190	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and direction of site engineer incharge**	**Sqm**	**46.17**	**685.80**	**31659.96**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		46.17		
191	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and direction of site engineer incharge(Head Room)**	**Sqm**	**8.19**	**687.96**	**5634.39**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		8.19		
192	**Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm. complete as per specifications and direction of site engineer in incharge**	**Sqm**	**3.30**	**2141.64**	**7067.41**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.30		
193	**Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm. complete as per specifications and direction of site engineer in incharge(Head Room)**	**Sqm**	**8.19**	**2143.80**	**17557.72**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		8.19		
194	**Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification and direction of site engineer in incharge**	**Sqm**	**2.59**	**1232.28**	**3191.61**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.59		
195	**Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.and direction of site engineer in incharge**	**Sqm**	**11.87**	**1766.88**	**20964.03**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		11.87		
196	**Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification and direction of site engineer in incharge**	**Sqm**	**2.52**	**5108.40**	**12873.17**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.52		
197	**Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification and direction of site engineer in incharge(Head Room)**	**Sqm**	**1.89**	**5112.72**	**9663.04**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.89		
198	**Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective and direction of site engineer in incharge**	**Sqm**	**1.58**	**4112.64**	**6477.41**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.58		
199	**KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2**	**Sqm**	**11.25**	**4802.76**	**54031.05**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		11.25		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
200	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and site engineer in incharge**	**kg**	**226.80**	**115.56**	**26209.01**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		226.80		
201	**Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification.**	**kgs**	**193.65**	**132.84**	**25724.63**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		193.65		
202	**Providing and fixing of Aluminium composite panel of approved make colour for wall cladding for straight Brick/Rcc/stone walls &coloumns/beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equalent. The panel shouldconsist of 3 thk non-halogonated FR grade mineral based polymer core (2 hrs fie Resistence as per ASTM E119-12& Clause B, S1,do as per, BS476EN 13501) sandwiched between 0.5mm skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating ontopsides and service coating on reverse sides would be in polyester paint. the Surface is Finisshed With PVDF based coating on topsides and Service Coating on Reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleatsand stainless steel bolts and nuts complete with spring washer and capnuts and all other necessary accessories, sealing shall be done using weather sealant necessary rods etc., complete as per specification and direction of site engineer in incharge**	**Sqm**	**9.78**	**4758.48**	**46546.50**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		9.78		
203	**Providing and fixing of Aluminium composite panel of approved make colour for wall cladding for straight Brick/Rcc/stone walls &coloumns/beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equalent. The panel shouldconsist of 3 thk non-halogonated FR grade mineral based polymer core (2 hrs fie Resistence as per ASTM E119-12& Clause B, S1,do as per, BS476EN 13501) sandwiched between 0.5mm skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating ontopsides and service coating on reverse sides would be in polyester paint. the Surface is Finisshed With PVDF based coating on topsides and Service Coating on Reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleatsand stainless steel bolts and nuts complete with spring washer and capnuts and all other necessary accessories, sealing shall be done using weather sealant necessary rods etc., complete as per specification and direction of site engineer in incharge(Second Floor)**	**Sqm**	**9.78**	**4764.96**	**46609.89**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		9.78		
204	**Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete as per specification and direction of site engineer in incharge**	**Sqm**	**4.19**	**7191.72**	**30149.13**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		4.19		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
205	**Providing, fabricating and fixing of stick type structural glazing using Alluminium Extrusions of 63.5 mm x 58.00 mmx 2.25 mm of 1.73 kgs/ mtr for vertical and Horizontal members and 63.5 mm x 38.1 x 1.33 mm of 0.759 kg/Mtr, as outer frame with Electro Anodized Paint coated block finishing, using 6mm thick imported glass reflective hard coatedocean blue raw glass with all necessary accesories like ultra glass Silicon sealant of Space tape, Masking tape, Galvanized Anchaor bolt, machine screws, 6mm thick M.S. angle 50mm x 150mm x 6mm M.S. Galvanized L Brackets, structural sealent setting clocks, fasteners, wall connection etc., complete as per specification and direction of site engineer in incharge(Second Floor)**	**Sqm**	**4.19**	**7198.20**	**30176.29**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		4.19		
206	**Providing , fabricating, assembling and fixing in position aluminium partition using 101.60mm x 44.45mm x 3.18mm aluminium, mat finish or glossy finish , anodized sections combination of plain , single groove and double groove members should not exceed 0.60mc/c and bottom member of required lengths, joints mitred and corner grinded sub dividing assembled frame should be stiffened with corner angles. Stripped and fixed with screws rawl plug and teakwood guttas to RCC column or masonry on sides. RCC lintels or beams at top and mosaic floor at bottom; including cutting chistelling and making good with cement mortar to match the surface .Providing and fixing 12mm.thick prelaminated sheet (Ecoboard – exterior grade)of approved colour for bottom panel of maximum height 0.9m, and 5.50 mm thick plain or pin headed glass for middle panel and top panel with glazing clips pf 19.05mm.x17.30mm.1.00mm. All the aluminium sections used should be treated for removal of any rust and prevention of further rust formation and coated with greasy materials for non adherence of mortar or any other sticky materials: The vertical members should be embedded in the flooring by making suitable size holes and fixing with cement mortar. All the frame should be thoroughly cleaned free from rust , scale or dirt. work should be carried out as per direction of engineer-in-charge of the work with all lead and lift as per chief Architect's drawing etc., complete to a degree of perfection. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality complete as per specification and direction of engineer in incharge.**	**Sqm**	**20.00**	**2808.00**	**56160.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		20.00		
207	**Tread Mill Supply and installation of treadmills of speed: 0.5-25km/h (0.3-15ml/h), AC3Hp(10.5Hp max) power of motor Incline rate :0%-16%, input power :120V or 220V,50Hz-60Hz Features :Self Tracking Roller, antiskid grippers, USB socket, shock absorption system, convenience function, wireless mobile charger, wireless heart measurement, pre-lubricated deck, Running area W530 x L1600mm(21" x 63"), maximum user weight 200kgs. Display info : time, distance, calorie, speed, incline, heart rate. Inclusive of All Taxes and Trnsportation Charges.complete as per specification and direction of site engineer in incharge**	**Each**	**3.00**	**678895.00**	**2036685.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
208	**Cross Trainer Supply And Installation of Eliiiptical of Resistance Level: 20 Levels, Power Requirements 120Volts, Set up height :4,10Workout programs : Manual, random , interval, custom interval ,10k Features: Heart rate moniteoring ,space-efficient footprint, patented multi grip handlebars,water bottle holder, workout boosters X-mode , Arm Blaster, Glute kicker, dedicated logic programming, quick start,auto quick start, cool down, heart logic intelligence,wireless &digital heart rate-controlled programs, maximum user weight 180kgs. Inclusive of All Taxes and Transportation Charges. complete as per specification and direction of site engineer in incharge**	**Each**	**3.00**	**270174.00**	**810522.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
209	**Spiner BMX SUPPLY AND INSTALLATION OF ROWING OF INSPIRE ROWER: heavy duty steel COLOR matte black chrome resistence and red finsh elecctro static powdercoat flywheel 30lbs (14kgs)with silent drive chain resistence system magnetic drain-LCD touch panal (6v,4d size battwries)BLUETOOTH ready to connect heart moniter device built in tablet water and personal item storage Tily upright on front end to store max user weight 300lbs (136kgs) WARRANTY residential: limited 10y frame,3yparts 1y labour:Light commercial :5y frame ,1y parts,6mlabour DIMS (W*L*H)35 in *76*in (89cm*193cm**112cm)weight 225lbs (102kgs)inclusive of all taxes and transportation charges**	**Each**	**3.00**	**277100.00**	**831300.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
210	**FLAT BENCH Supply and installation of flat bench of specification Dimension :W660*L1,520*H430mm (26"*48"16.9") Product weight: 22kg (49lb) feautered integrated two wheels for easy movement movement handle and single leg for improved usability Inclusive all charges and transportaion charges complete as per specification and direction of site engineer in incharge**	**Each**	**2.00**	**58680.00**	**117360.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
211	**Leg Extention leg curl Supply and installation of leg curl/Extension of specification dimension:1080*1400*1500mm (42.5"*40.90"61.0") product weight :275kg (606lb) stack weight 100kg (202lb)feauters 2 kind of exersise available multiple purpose strength machines: leg extension .leg curl push button pivot motion applied to veriety of position incline seat and back rest for more improved muscular conration abs material both ide stack cover 2 steps of lock point for seat and backrest position adjustment inclusive of all taxes and transportation charges complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**476042.00**	**476042.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
212	**Lat pull/ seated row supply and installation of lat pull specification and dimension :W1095*L1615*H2424mm product weight : 225kg (498lbs) stack weight :100kg (220lbs) feautures heght adjustable thigh pads providing great stability greater feeling thigh pad grip ABS material both side stack cover. inclusive all taxes and transportation charges complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**348413.00**	**348413.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
213	**FUNCTIONAL TRAINER Supply and installation of functional trainer specification dimension:W1830*L1270*H2,300MM (114.2"*70.7"*90.1") PRODUCT WEGHT:237KG (602LB) STACK WEGHT 100kg (202lb) feauteres optimized space to exersise and veriety exersise are possible seperatly moving handles ABS material both side stack cover. Inclusive of all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**514673.00**	**514673.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
214	**ADJUSTABLE BENCH Supply and installation of shoulder chair specification dimesnsion : w1,213*l550*h867mm (47.7"*21.6"*34.1") Product weight :25kg(55lbs) feauteres solid non skid ep rubber pad feet inclusive all taxes and transport charges.complete as per specification and direction of site engineer in incharge**	**Each**	**2.00**	**95355.00**	**190710.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
215	**Rod Olympic with Bushing (7X2) imported Heavy duty (2.2mtr/7feet) Supply and installation of free weights ob84 of olympic bar 7ft: olympic barbells of 50mm dia with 3 layer nickle chrome finish gunmetal washer for extra durability and with knurling for better grip along two spring colours. applicable for all barbells. inclusive all taxes and transportation charges**	**Each**	**1.00**	**20783.00**	**20783.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
216	**Rod Olympic barbell 50mm with bushing(183cms/5 feet) supply and installation of free weights of ob36 of olympic bar 5ft : olympic barbells of 50mm dia with 3layers nickle chrome finish gunmetal washer for extra durability and with knurling for better grip along two spring colours. applicable for all barbells. inclusive all taxes and transportation charges**	**Each**	**3.00**	**15933.00**	**47799.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
217	**Rod Olympic barbell 50mm with bushing(122cms/3 feet) Supply and installation of free weights ob36 of olympic bar 3ft:olympic barbells of 50mm dia with 3 layer nickle chrome finish gunmetal washer for extra durability and with knurling for better grip along two spring colours. applicable for all barbells. inclusive all taxes and transportation charges**	**Each**	**3.00**	**10391.00**	**31173.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		3.00		
218	**Olympic EZ bar 50mm 122 cms/4 ft Supply and installation of free weights ob48EZ of olympic curl bar of 4feet: olympic barbells of 50mm dia with 3 layer nickle chrome finish gunmetal washer for extra durability and with knurling for better grip along two spring colours. applicable for all barbells. inclusive all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**2.00**	**11084.00**	**22168.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		2.00		
219	**Plates-Rubberised supply of olympic plates-olymic rubberized plates with 51mm dia with top quality rubber coating for safety and metal ring durability:10kgs-8nos,20kgs-4nos,25kgs-4nos,(270kgs) inclusive all taxes and transpotation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**117801.00**	**117801.00**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
220	**Plate Stand(olympic) supply of olympic plate tree :olympic plate rack manufactured with heavy duty commercial grade steel with 2 lycra coating. inclusive all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**17873.00**	**17873.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
221	**Dumbbells- Hex Supply of rubberized dumbelell hex:solid steel head,pressed welded to a chrome handle with quality knurling for better grip.rubber coating, weight indicator permanently molded into theheads:2.5-6nos,5-6nos,10-4nos,12.5-4nos,15-4nos,20-2nos,25-2nos,27.5-2nos,30-2nos(480kgs) inclusive all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**177480.00**	**177480.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
222	**Dumbbells Stand Supply of two tier dumbell rack: dumbell rack two tier dumbell storage rack heavy duty made in steel 12 guage pipes with three coat lycra. two tier dumbell rack inclusive all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**31174.00**	**31174.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
223	**Medicine Ball Supply of madicine ball anti burst madicine ball made of high quality rubber as per international standards. Set of 4(1kg-2400,2kg-2700,3kg-3100,5kg-4300) inclusive all taxes and transportation charges.complete as per specification and direction of site engineer in incharge**	**Each**	**1.00**	**17319.00**	**17319.00**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		1.00		
224	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specification and direction of site engineer in incharge**	**m**	**16.00**	**468.72**	**7499.52**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		16.00		
225	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specification and direction of site engineer in incharge**	**m**	**6.00**	**921.24**	**5527.44**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		6.00		
226	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 20mm dia od pipes completeas per specification and direction of site engineer in incharge**	**m**	**28.20**	**253.80**	**7157.16**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		28.20		
227	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) 25mm nominal OD pipes completeas per specification and direction of site engineer in incharge**	**m**	**10.50**	**316.44**	**3322.62**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		10.50		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
228	**Rubber Flooring: Providing and constructing Dstandard Rubber Flooring for indoor Areas using rubber membrane of 12mm to 16mm thick, to be layed over precasted concrete mortar/Concrete surface using CM 1:6 beneath rubber rubber Membrain including cost of all materials, labour, packing joints and mortar ,finishing, curing, all leads and lifts, transportation and also including all applicable taxes etc. complete as per specification and direction of site engineer in incharge**	**Sqm**	**40.28**	**4842.00**	**195011.55**
b)	CONSTRUCTION OF AMBEDKAR BHAVAN IN DASARAHALLI WARD No.06 THANISANDRA		40.28		
229	**Providing and fixing of clampset and borewell cap to the pump complete as per specifications and directions of Engineer in charge.**	**No.**	**1.00**	**450.00**	**450.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
230	**Providing and 175mm dia MS Coller etc as per specification and direction engineer in charge of the work complete as per specifications and directions of Engineer in charge.**	**Nos.**	**15.00**	**150.00**	**2250.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		15.00		
231	**Heavyduty coller 50mm dia complete as per specifications and directions of Engineer in charge.**	**Nos.**	**15.00**	**150.00**	**2250.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		15.00		
232	**Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09) complete as per specifications and directions of Engineer in charge.**	**Nos.**	**1.00**	**3000.00**	**3000.00**
a)	CONSTRUCTION OF AMBEDKAR BHAVAN AT R.K.HEGDE NAGAR IN WARD No.06 THANISANDRA		1.00		
				SUB TOTAI	**13962613.74**
				GST Charges (12% of estimated cost)	877203
				DPR CHARGES (1%)	160000
				PMC CHARGES (1%)	160000
				Tender Premium (5% of Estimated Cost)	800000
				Bescom Charges	35000
				Miscellenious and rounding	5184
				TOTAL AMOUNT	**16000000**

CERTIFICATE:

1) The work spot has been inspected and found to be necessary

2) The work spot comes under B.B.M.P

3) The provisions made in the estimate are necessary and minimum

4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20,PRED 2012-13, SE-RDED approved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP
20/1/2020

Technical Sanction
Accorded For Rs 160.00 lacks only
Head of A/C P3727
CER NO :284 Dt:11.02.2020

TA

CE (YNK)

Administrative Approval
Accorded For Rs.160.00 lakhs
Head of A/C P3727
CER NO :83 Dt:26/02/2021

S.E. (Project)